

INTERNATIONAL SEARCH REPORT

International Search Report
IPC Class. No. 03/03262A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16L23/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01F F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 588 467 A (CRANE DREU E) 31 December 1996 (1996-12-31) abstract figure 2 column 2, line 28 - line 56 claim 1	1,23
A	GB 2 311 101 A (MUELLER STEAM SPECIALTY) 17 September 1997 (1997-09-17) figures 16a - 16c page 10, line 21 -page 11, line 4 claims 1,11	1,23



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

17 November 2003

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28/11/2003

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INTERNATIONAL SEARCH REPORT

International No
PCT/83 03/03262

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5588467 A	31-12-1996	US 5758692 A US 5778933 A	02-06-1998 14-07-1998
GB 2311101 A	17-09-1997	CA 2187987 A1	12-09-1997